## INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP2004/009492

	<u> </u>	102/022	001/ 003102
A. CLASSIFICATION OF SUBJECT MATTER Int.Cl <sup>7</sup> G11B7/24			
According to International Patent Classification (IPC) or to both national classification and IPC			
B. FIELDS SEARCHED			
Minimum documentation searched (classification system followed by classification symbols)			
Int.Cl7 G11B7/24			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  Jitsuyo Shinan Koho 1922–1996 Toroku Jitsuyo Shinan Koho 1994–2004			
Kokai Jitsuyo Shinan Koho 1971-2004 Jitsuyo Shinan Toroku Koho 1996-2004			
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)			
Electronic data base consulted during the international search (name of data base and, where practicable, search terms does)			
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category*	Citation of document, with indication, where app	propriate, of the relevant passages	Relevant to claim No.
P,A	JP 2004-111004 A (National I		1-9
	Advanced Industrial Science a	nd Technology),	
	08 April, 2004 (08.04.04), Full text; all drawings		
l	(Family: none)		
			1-9
P,A	JP 2004-87073 A (TDK Corp.), 18 March, 2004 (18.03.04),		1-9
	Full text; all drawings		
	(Family: none)	(p ' \	M. 1
P,A	JP 2004-39177 A (National In:	stitute of	1-9
P,A	Advanced Industrial Science and Technology),		
	05 February, 2004 (05.02.04),	-	
	Full text; all drawings		
	(Family: none)		
	·		
		<u></u>	
Further documents are listed in the continuation of Box C. See patent family annex.			
"A" document defining the general state of the art which is not considered		"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention	
2		"X" document of particular relevance; the claimed invention cannot be	
filing date "L" document which may throw doubts on priority claim(s) or which is		considered novel or cannot be considered to involve an inventive step when the document is taken alone	
		"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is	
"O" document referring to an oral disclosure, use, exhibition or other means		combined with one or more other such documents, such combination	
"P" document published prior to the international filing date but later than		being obvious to a person skilled in the art  "&" document member of the same patent family	
			•
		Date of mailing of the international search report	
23 July, 2004 (23.07.04)		10 August, 2004 (10	0.08.04)
		Australia de Grane	
Name and mailing address of the ISA/ Japanese Patent Office		Authorized officer	
oapanese racent Office			
Facsimile No.		Telephone No.	